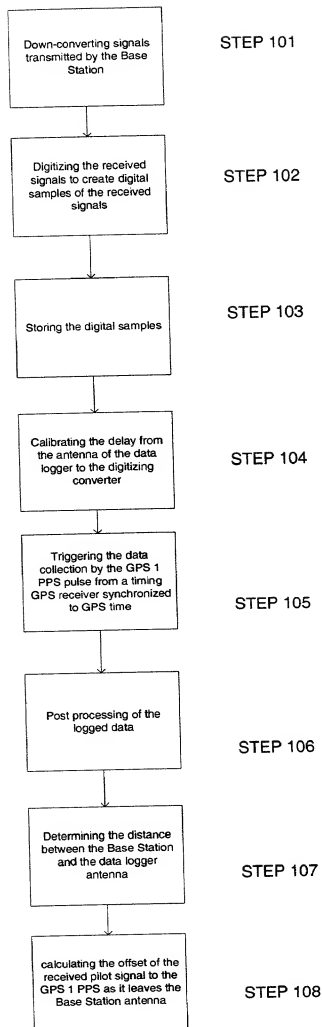


FIGURE 1



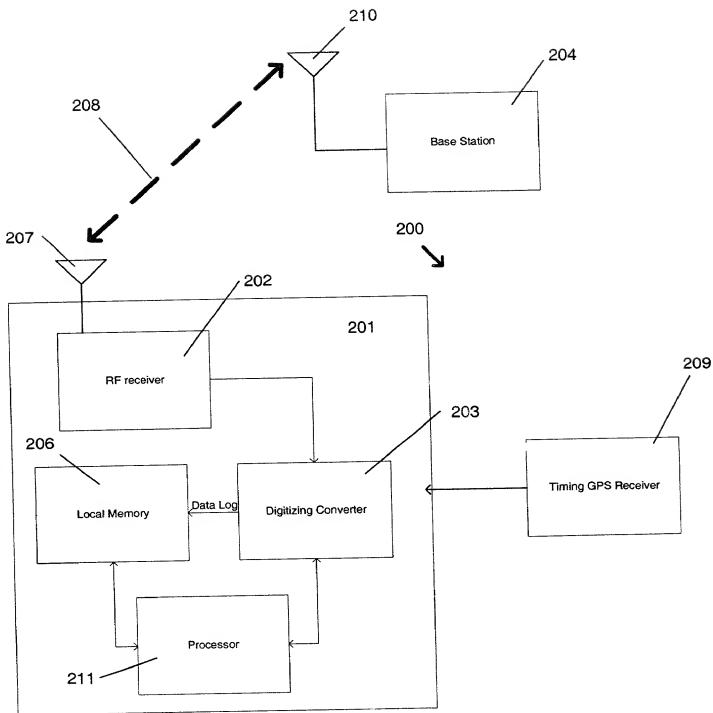
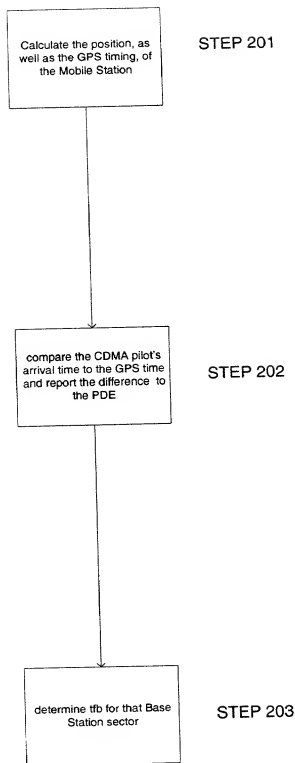


FIGURE 2

FIGURE 3



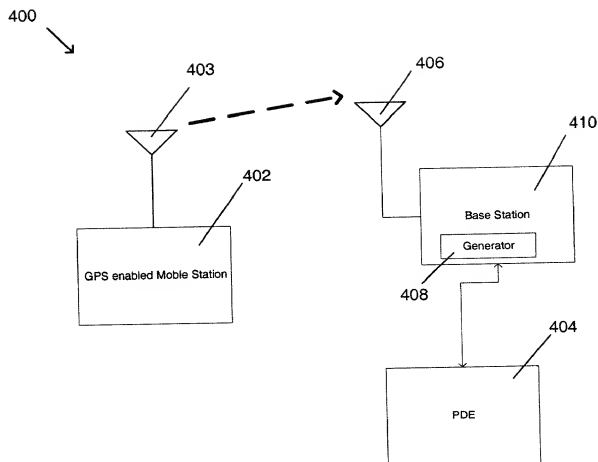


FIGURE 4

Generating a reference CDMA pilot signal on the same carrier frequency on which the pilot signal is generated by the base station, the reference CDMA pilot signal having a known timing relationship to the timing reference signal

STEP 501

locking the frequency of the reference CDMA pilot signal and the timing reference signal to a common frequency reference;

STEP 502

combining the reference CDMA pilot signal the pilot signal generated by the base station; and

STEP 503

determining the timing difference between the reference CDMA pilot signal and the pilot signal generated by the base station.

STEP 504

FIGURE 5

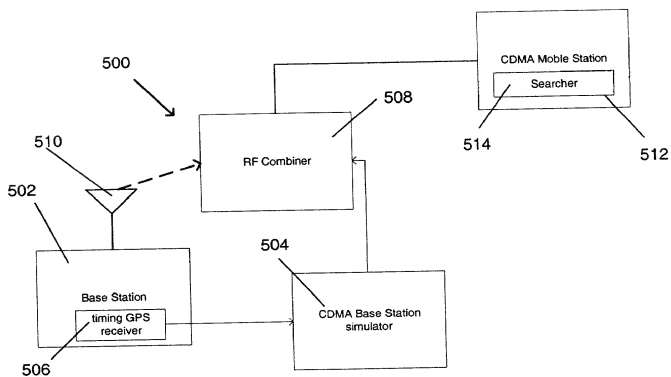


FIGURE 6